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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 1 of 1

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| Application Number | 10/824,436 |
| Filing Date | April 15, 2004 |
| First Named Inventor | Sung-Su JUNG et al. |
| Art Unit | 2871 |
| Examiner Name | Tarifur R. Chowdhury |
| Attorney Docket Number | 8733.1025.00 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|--|
| | | Number-Kind Code ² (if known) | | | |
| TC | AA | 5,893,625 | 04-13-1999 | Tamatani et al. | |
| T.C | AB | 2003/0025867 A1 | 02-06-2003 | Yoshizoe | |
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FOREIGN PATENT DOCUMENTS

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| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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| Examiner Signature | /Tarifur Chowdhury/ (08/02/2006) | Date Considered | 08/02/2006 |
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PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | Number-Kind Code ² (if known) | | | |
| TC | AA | 2003/0025867 A1 | 02-06-2003 | Yoshizoe | |
| TC | AB | 5,803,625 A | 04-12-1999 | Tamotani et al | |
| TC | AC | 2003/081155 A1 | 03-12-1963 | LG.Philips LCD Co., Ltd. | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
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